

Analysis of Organofluorine Compounds
Simultaneous Microdetermination of Fluorine and
Nitrogen in Organic Compounds, by N. E. Gel'man,
M. O. Korshun, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 468-470.

SLA 60-10908

Sci

OTS, Vol III, No 6

Sep 60

126,860

Development of Sea Waves From Their Initiation
to the Phase of Maximum Steepness, by V. V.
Shoulekhin, 6 pp.

RUSSIAN, per, Dokl Akad. Nauk SSSR, Vol CXVIII, 1958,
pp 472-475.

AEC 3452

Sci - Geophy

Dec 58

77,951

The Effect of Fluorochromes on the Sensitivity of
Cells to Radiation, by E. Ya. Grobovskiy, E. G.
Minov'yova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXVII, no 3, 1978.
pp 454-456.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,457

Internal Friction and Plastic Deformation of
Overstressed Micro-Regions of a Solid, by R. I.
Garbar, H. T. Magill'nikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 479-482.

Acad Inst of Phys
Sov Phys - Doklady
Vol XII, No 1

Sci - Phys

Jul 59

91,475

Influence of the Surface on the Sign of the Conductivity
of AlSb and InSb, by V. F. Synorov.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol CXVIII, No 3, 1958,
pp 483, 484.

MIT Lincoln Lab

Sci - Electronics
May 58

62,858

On the Effect of Rate of Deformation and Relaxation
on Internal Friction in Aluminum, by Chen Khun-1,
Bao Sen'ke, L. I. Vasil'yev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3.
1958, pp 485-.

Amer Inst of Phys
Sov Phys - Doklady
Vol XII, No 1

Sci - Phys

Jul 59

91, 476

On the Composition and Subdivisions. of Non-
Primitive Circuits, by M. L. Tsetlin, 7 pp.

UNCLASSIFIED

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol. CXVIII,
No. 3, 21 January 1958, pp 488-491.

ATIC F- IS-9778/V

Sci - Phys

Jun 51 59

Academic Union of Sciences

Vol. 1

Section 1

89,447

Distribution of Impurities in a Single Crystal of
Metallic Zinc Having a Honeycomb Substructure, by
M. Valukh, I. B. Borovski. UNCL

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol CXXIII,
No 3, 1958, pp 490, 491.

*IRSID T 1209
185, Rue President-Roosevelt
St. German-en-Laye
(S-et-0), France

Investigation of the Oxalate and Carbonate Complexes
of Plutonium (IV) in Aqueous Solutions by the
Solubility Method, by A. D. Gel'man, A. I. Moskvin,
8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVIII, 1958,
pp 493-496.

AEC Tr 3496

Sci - Chem
Feb 59

81,302

Condensation of Alkylbenzenes With Halogen
Derivatives of Isobutylene, by V. H. Gramenitskaya.

G. I. Nikishin, A. D. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKVIII, No 3,
1958, pp 497-500.

Consultants Bureau

Sci - Chem

Jun 59

88, 814

The Effect of the Size of the Alkyl Radicals,
R, on the Stability of Si--R Bonds Toward the
Action of Concentrated Sulfuric Acid, by B. N.
Dolgov, D. N. Andreyev, V. P. Lyutyl, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 501-504.

Consultants Bureau

Sci - Chem

Jun 59

88,807

Polymerization of Methacrylic Acid with
Trialkyl Phosphites, by V. A. Kukhtin,
Gil'm Kamai, L. A. Sinchenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII,
No 3, 1958, pp 505-508.

Consultants Bureau

SHH 58-10213

Sci - Chem

Jun 59

88,808

Preparation of 2,3-Dimethylbutadiene by a
Catalytic Route, by I. N. Hazarov, L. E.
Ivanova, B. A. Rudenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 509-511.

Consultants Bureau

SLA 57-10315

Sci - Chem

Jun 59

88,809

Intramolecular Acylation in the Ferrocene Series.
Cyclization of γ -Ferrocenyl-Substituted Acids
and Keto Acids, by A. N. Mesnyanov, N. A.
Vol'kenau, V. D. Vil'chevskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 512-514.

Consultants Bureau

Sci - Chem

Jun 59

88,810

The Florides of Rhenium, by V. S. ~~REDACTED~~, et al.

RUSSELAN, par, Dok Ak Nauk SSSR, 1958, Vol. CIVILI,
No 3, pp 515-516.

Co-op Tr Scheme 560

USAR

Sci - Min/Mat

Mar 59

82, 486

The Addition of Dialkyl- and Diphenylsilanes to
Ethylenic Hydrocarbons, by A. V. Topchiev,
H. S. Mametkin, T. I. Chernysheva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 517-519.

Consultants Bureau

Sci - Chem

Jun 59

88, 803

Vinyl Compounds in the Diene Synthesis. The
Diene Synthesis Using Vinyl Thioethers With
Cyclopentadiene and Hexachlorocyclopentadiene,
by M. P. Shostakovskiy, A. V. Bogdanova,
T. M. Ushakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 520-.

Consultants Bureau

Sci - Chem

Jun 59

88,804

Catalysis on Intrinsic Semiconductors, by O. V. Krylov,
S. Z. Roginsky.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3, 1958.

MIT Lincoln Lab

Sci - Electronics
May 58

NEL 14. 243

62,934

A Study of the Phase Composition and Adsorptive
Properties of Iron - Carbon Catalyst, by S. M.
Samoylov, A. A. Slinkin, A. M. Rubinshtein, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 526-529.

Consultants Bureau

Sci - Chem
Doc 58

77,458

The Kinetics of the Ionization of Molecular Chlorine.
by A. N. Frumkin, G. A. Todoradze, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 530-531.

Consultants Bureau

Sci - Chem
Dec 58

77,459

* Content of Rubidium in Beryls from the Kola
Peninsula Pegmatites, by T. F. Borovik-
-Romanova, A. F. Sosedko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 534-.

9660797

Consultants Bureau
Possibly of ATIC H C L
48/III

Sci - Graphy
gon 59

88, 648

The Metabolic Activity of Blood Platelets, by I. S. Iuganova, I. P. Seyts, V. I. Teodorovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3, 1958, pp 537-.

Amer Inst of Biol Sci

Sci - Biology, Chemistry
Jan 59

79,188

Beneficiated Askangel, by A. I. Avsarkisova, M. E.
Shishnyashvili, 4 pp.

RUSSIAN, per, ~~Eng Dok Ak Nauk SSSR~~, Vol CXVIII,
No 3, 1958, pp 540-542.

Consultants Bureau

Sci - Chem

Jun 59

88,662

A Study of the Kinetics of Titanium Sintering by
a Dilatometric Method, by R. S. Mints, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 543-545.

Consultants Bureau

Sci - Chem

Jun 59

88, 66 4

Effect of Electric Potential on the Distribution
of Xanthates on the Surface of Sulfides, by I. N.
Plaksin, R. Sh. Shafeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXVIII, No 3,
1958, pp 546-.

Consultants Bureau

ALL RTS RE

CTD 62 13 78

88,663

Sci - Chem

Jun 59

The Kyn Rocks of Northeastern Tatar, by V. I.
Averyanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVILL, No 3,
1958, pp 549-552.

Consultants Bureau

Sci - Geophys

Jan 59

79,343

Stratigraphy of the Quaternary Deposits of the
Northwestern Part of the USSR and Adjacent Regions,
by A. A. Aleinikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 553-554.

Consultants Bureau

Sci - Geophys

Jan 59

79,342

An Occurrence of Diagenetic Structure in the Inta
Coal-Bearing Series, by G. A. Dzhirayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 555-557.

Consultants Bureau

Sci - Geophys

Jan 59

79,344

The Structure of the Eastern Border of the
Western Siberian Plain, by P. K. Ivanchuk, V. D.
Makoryakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 558-561.

Consultants Bureau

Sci - Geophys

Jan 59

79,345

The Lower Paleozoic and Proterozoic Rocks on the
Island of Sakhalin, by Ya. B. Pashchenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 562-564.

Consultants Bureau

Sci - Geophys

Jan 59

79,347

The Question of the Contact Metamorphism of Coal
in Sakhalin, by G. N. Poryvayeva, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 565-568.

Consultants Bureau

Sci - Geophys
Jan 59

79,346

The Odanian region of
The Stratigraphy of the Lower Devonian Rocks of
the Dneestr, by A. V. Khishnyakov, N. F. Chirkova-
Zalasskaya, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 569-572.

Consultants Bureau

Sci - Geophya

Jan 59

79,348

New Data on the Gas Saturation of the Subsurface Waters of the Paleogene Horizons of the Central Fore-Caucasus in Relation to the Problems of Formation of Gas Accumulations, by V. N. Kortsenshtein, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3, 1958, pp 573-.

Consultants Bureau

Sci - Geophys

Jan 59

79,369

The Nature of Sulfatic Apatite, by Z. V. Vasil'yev,
M. A. Litsarev, I. I. Orjanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 577-.

Consultants Bureau

Sci - Geophys

Jan 59

79,372

The Effect of Cortisone on Cell Differentiation,
by I. A. Alov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 584-587.

Amer Inst of Biol Sci

Sci - Med

96,910

Compensatory Changes in the Nerve Cells of the
Uterus During Pregnancy, by A. S. Gurvich, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 588-591.

Amer Inst of Biol Sci

Sci - Med

96,911

Cajal's Interstitial Cells, by N. G. Kolosov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 592-.

Amer Inst of Biol Sci

Sci - Med

96,912

The Effect of Metabolites and Antimetabolites of the Tricarboxylic Acid Cycle on the Reproduction of the Vaccinia Virus in Chick Embryos, by N. A. Zeitlenok, O. V. Konosh, E. R. Pille, 3, pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3, 1958, pp 595-.

Amer Inst of Biol Sci

Sci - Med

96,920

The Problem of the Physiology of Plant Flowering,
by G. D. Emailov. P 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1959, pp598-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,974

On the Interrelation Between Photosynthesis
and Internal and External Nutrition of Plants
Roots, by F. F. Matskov, T. K. Tkachenko.
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVIII, No 3
1958, pp 658-661.

Amer Inst of Biol Sci

Sci - Bio

Jul 59

91,972

On the Behavior of Starch in the Fruits of Oil Plants,
by I. M. Svednikova. 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 604--.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,967

The Histochemical Characteristics of Proteins of
the Embryo of Certain Representative Orchids, by
N. V. Tsinger, V. A. Poddubnaya-Arnol'di. 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 607-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,969

The Effects of Increased Oxygen, Carbon Dioxide, and Nitrogen Partial Pressures on Cutaneous Respiration in Man, by N. M. Petrun', 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3, 1958, pp 611-613.

Amer Inst of Biol Sci

Sci - Med

96,923

V
The Higher Nervous Activity of Different Poultry
Breeds, by V. V. Ponomarenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 614-617.

Amer Inst of Biol Sci

Sci - Med

96,924

Trypsin and Chymotrypsin in Normal Pancreatic
Function, by A. M. Ugolev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 618.

Amer Inst of Biol Sci

Sci - Med

96,925

The Effect of Temperature on the Sexual Cycle in
Phoxinus Phoxinus, by N. A. Yoff, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 3,
1958, pp 621-.

Amar Inst of Biol Sci

Sci - Chem

96,902

Synthesis of Logic Networks Whose Operators Are
Described by Means of Single-Place Predicate
Calculus, by B. A. Trakhtenbrot.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 646-649.

MTT Lincoln Lab

Sci - Phys

Jul 58

67,142

Determination of the Intensity of Head Waves in
the Theory of Elasticity by the Ray Method, by
A. S. Alekseyev, B. Ya. Gol'dshtrayn

RUSSIAN, per. Dokl Ak Nauk SSSR, Vol. XXVIII, No. 4,
1958, pp 651-654.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91, 4-107

The Connections Between Stresses and Strains in
Elastic Media, by A. A. Vakulenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 665-668.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91, 468

Self-Modelling Problems in the Dynamic Bonding of
Plates, by Yu. A. Dem'yanov, 2 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol XLVII, No 1, 1958,
pp 669..

Amer Inst of Phys
Sov Phys - Doklady
Vol. LXX, No 1.

Sci - Phys

Jul 59

91, 1461

The Asymptotic Properties of Self-Modeling
Solutions of the Nonstationary Gas Filtration
Equations, by Ya. B. Zel'dovich, G. I. Barenblatt,
4 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 671.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

41,503

Relaxation Processes in a System of Interacting
Spins, by I. V. Aleksandrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 675-678.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,488

Dispersion Relations and the Production of Heavy
Mesons and Hyperons, by M. K. Polivanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4, 1958,
pp 679-682.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,481

The Electro-Acoustic Efficient of a Spark
Discharge in Water, by N. A. Rol, D. P. Frolov.
UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 4, 1958, pp 683-685.

RAE 795

Sci - Phys; Electron
Jun 59

SEN 244
CIA/FDO XX-1355

89, 766

A Method of Short-Range Prediction of the Meteorological Elements, by I. A. Kibel', 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 4, 1958, pp 687-690.

Consultants Bureau

Sci - Geophys

Jan 59

79,366

On the Size Distribution of Smoke and Dust Particles
in the Air of an Industrial City, by M. M. Federov.
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, p. 623.

Navy Tr 1856/JE T-18

Sci - Physics
Sep 58

" " 1901/TG-920-T-18
OTS/PB 141-157

73, 625

Dependence of the Survival of Paramagnetic Centres on
Their Number in Unit Volume on Irradiation by X-Rays,
by E. G. Zinov'yeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVIII, No 4, 1958,
pp 696-697.

Amer Inst of Phys
Sov Phys - Doklady
Vol. III, No 1.

Sci - Phys

Jul 59

91,458

The Effect of Gamma-Rays on the Uptake of Vitamin
Iyves by Reticulo-Endothelial Elements, by
E. S. Konstantinova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No
1978, pp 698-700.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1.

Sci - Phys

Jul 59

91,459

The Action of Vitamin B₁₂ and Folic Acid on the
Mitochondriatic Activity of the Blood in Experimental
Radiation Illness, by B. A. Kudryashov, G. V.
Andreyenko, E. P. Sytina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 701-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,460

On the Grinding of Glass With Soft Grinding Mason, by
R. A. Govorova, E. P. Sen'kin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4, 1958,
pp 705-708.

Acad Inst of Phys
Sci Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,469

Anomalous Dispersion of the Dielectric Constant in
Feldspar, by V. A. Yoffe, G. I. Khvostenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4, 1958,
pp 709-.

Azhar Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,470

The Action of Carbon Dioxide on Trialkyl-
aluminums. Synthesis of Carboxylic Acids,
by L. I. Zakharkin, V. V. Gavrilenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 8, 1958, pp 713-715.

Consultants Bureau

HT 173-1231

88,805

Sci - Chem

Jun 59

Condensation of Acetals With Ethoxymethylisoprene.
A New Method of Synthesis of Polyenic Aldehydes
of the Isoprenoid Type, by I. N. Mazarcov,
Zh. A. Krasnaya, 4 pp.

RUSSIAE, par, Dok Ak Nauk SSSR, Vol CXVIII,
No 4, 1958, pp 716-719.

Consultants Bureau

Sci - Chem

Jun 59

88,806

Recrystallization Diagram of Tantalum¹² by E. M.
Bavitskiy, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 720-722.

Consultant's Report
Henry Bratcher 4409
\$3.65

Sci - Chem

Jan 59

79,674

Synthesis of Oxides of Silicoolefins from
Chlorohydrins, by S. I. Sadykh-Zade, L. V.
Mozdrina and A. D. Petrov, 6 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Vol CXVIII,
No 4, 1958, pp 723-726.

Consultants Bureau

Sci-Chem

Jun 59

88, 799

Isotope Exchange of CO_2 Chemisorbed on Iron
Ammonia-Synthesis Catalyst, by Yu. E. Sinyak,
S. Z. Roginskiy, M. I. Yanovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 4, 1958, ~~pp 727-730~~ pp 727-730.

Consultants Bureau

Sci-Chem

Jun 59

88, 801

Synthesis and Properties of Phenyl-, 3, 4-Xylyl-
and 4-Isopropylphenyl-alkylsilanes, by A. V.
Topchyev, N. S. Nametkin, and Gu Chan-li, N. A.
Leonova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 731-.

Consultants Bureau

Sci-Chem

Jun 59

88,800

The Chemically Nonuniform Structure of Sodium
Borosilicate Glasses, by N. S. Andreyev, E. A. Porada,
Koshits, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 11,
1958, pp 735-737.

Consultants Bureau

Sci - Chem
Dec 58

77, 460

The Effect of Oxygen on the Paramagnetic Resonance
Absorption in ~~2,2~~ - Diphenyl-~~5~~ -Picrylhydrazyl,
by W. S. Garif'yanov, E. M. Kozlov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 738-740.

Consultants Bureau

5.00

SLA 58-1110

85,245

Sci - Chem
OTS I, 4
Apr 59

The Determination of Reaction Order From Acidity, by
A. I. Gel'bshtein, M. I. Temkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 740-744.

Consultants Bureau

Sci - Chem
Dec 58

77,461

The Problem of the Reaction Path for Contact
Oxidation on Semiconducting Catalysts (The Example
of the Oxidation of Benzene), by I. I. Yoffe, F. F.
Vol'menshtein, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 747-750.

Consultants Bureau

Sci - Chem
Dec 58

77,463

Capillary Contractions During the Drying of Cell
Films and Dispersed Porous Bodies, by M. S. Ostrikov,
G. D. Dibrov, E. P. Danilova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 751-754.

Consultants Bureau

Sci - Chem
Dec 58

77, #64

The Coefficient of Diffusion in Liquids, by G. M.
Panchenkov, 6 pp.

RUSSIAN, per, Dok Ak Nauk ~~SSSR~~ ^{SSSR}, Vol. CIVXII,
No 4, 1958, pp 755-759.

Consultants Bureau

Sci - Chem
Dec 58

77,465

The Nature of the Interaction of Anions and Water
Molecules in Solution, by Yu. P. Syrnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 760-762.

Consultants Bureau

Sci - Chem
Dec 58

77,466

The Influence of Substituents on the Properties of
the Molecules of the Para-Disubstituted Derivatives
of Menzene, by P. P. Shorygin, Z. S. Egorova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol, CXVIII, No 4,
1958, pp 763-.

Consultants Bureau

Sci - Chem
Dec 58

77,467

Salinity of Interstitial Water in the Bering
Sea Sediments, by S. V. Bruevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 4, 1958, pp 767-770.

Consultants Bureau

Sci - Geophys

Jun 59

88,649

Helium in the Natural Gas Jets of the Urup
Chalcopyrite Deposit, by M. G. Gurevich, I. M.
Ovchinnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 4,
1958, pp 771-773.

Consultants Bureau

Sci - Geophys

Jun 59

88,650

Certain Characteristics of Albitization in
Vein Aureoles, by V. I. Rekharskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 4, 1958, pp 774-.

Consultants Bureau

Sci. - Geophys

Jun 59

88,652

Prothemin and Plant Respiration, by D. M. Mikhlin,
A. A. Mituskin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVIII, No 4,
1958, pp 778-

Amer Inst of Biol Sci

Sci - Biology, Chemistry
Jan 59

79,189

The Reaction of Certain Sulfides with Sulfur
Dioxide and Sulfates, by N. P. Dyer, V. V.
Paduchev, V. V. Toporova, N. F. Uspenskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 782-784.

Consultants Bureau

Sci - Chem

Jun 59

88,665

The Significance of Rheological Curves of Ceramic
Mixes in Ceramic Technology, by S. P. Nichiporenko,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 785-.

Consultants Bureau

Sci - Chem

Jun 59

88, 666

These
The Southern Limit and the Size of the Vyborg of
the Rapakivi Granite, by B. A. Andreyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 789-791.

Consultants Bureau

Sci - Geophys

Jan 59

79,349

Hydrochemical Zones of the Artesian Waters in the
Dobruja Downwarp and the Adjacent Slope of the
Russian Platform, by S. T. Vannudayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 792-795.

Consultants Bureau

Sci - Geophys

Jan 59

79,351

Some New Data on the Structure of the Chu-Barysu
Depression, by T. V. Dorofeyeva, V. A. Lapshov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 796-797.

Consultants Bureau

Sci - Geophys

Jan 59

79,350

The Regional Distribution and Interconnection of
Some Gas and Oil Accumulations, by V. P. Kutsev,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 4,
1958, pp 798-799.

Consultants Bureau

Sci - Geophys

Jan 59

79,352

The Age of the Last Geosynclinal Folding in the
Baikal Highlands, by L. I. Salop, V. K. Golovenok,
A. Ya. Zhidkov, E. A. Shalek, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 800-802.

Consultants Bureau

Sci - Geophys

Jan 59

79,353

The Forms of Iron in Black Sea Sediments, by N. M. Strakhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4, 1958, pp 803-806.

Consultants Bureau

SLA 61-15874

79,355

Sci - Geophys

Jan 59

Some Peculiarities in the Distribution of Mud
Volcanoes in Eastern Azerbaijan, by G. P.
Tamrazov, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 807-810.

Consultants Bureau

Sci - Geophys

Jan 59

79,354

The First Discovery of Simpsonite in the USSR,
by A. F. Sosadko, A. P. Denisov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, 811-814.

Consultants Bureau

Sci - Geophys

Jan 59

79,373

The Nature of Isomorphism in Alkalie Beryl, by
V. A. Frank-Kamenetskiy, T. A. Sosnedko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 815-.

AEC/NP Tr 742
Consultants Bureau

SLA 59-19377

Sci - Geophys

Jan 59

79,375

Identification of Fossil and Contemporary Pollen
of Water Caltrop (Trapa L.), by P. A. Popov,
G. S. Kondrat'ev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIL, No 4,
1958, pp 109-112.

Assoc Tech Serv
000301

Sci - Biol

May 59

CBS, Vol I, No 6,

86,300

Histochemical Investigation of Glycogen and Fat
of the Myocardium in Experimental Heart Disease,
by S. A. Buvaylo, P. Z. Meyerson, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 823-825.

Amer Inst of Biol Sci

Sci - Med

96,913

The Afferent Innervation of the Ileocecal Sphincter,
by V. E. Gavrishina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2 4,
1958, pp 826-.

Amer Inst of Biol Sci

Sci - Med

96,914

Patterns of Tuft Formation in the First and Succeeding
Years in Perennial Grasses Which Die Back Annually
Compared with Those of Related Annual Grasses, by
V. V. Skripchinskiy. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 194-222.

Amer Inst of Biol Sci

Sci - Biol
Jul 59

91,978

On the Dynamics of Chlorogenic Acid and Caffeic
Acid During Maturation and Sprouting of Potato
Tubers, by S. I. Pashkova. 11 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 833-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,968

Changes in the Pancreas Resultin, From Its
Sensory Denervation, by L. K. Lindenberg, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 837-.

Amur Inst of Biol Sci

Sci - Med

96, 921

A Peculiar Reduction of the Shin Bone in the
Doubling of the Limb in Frog in Nature, by A. A.
Voitkevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 841-844.

Amer Inst of Biol Sci

Sci - Chem

96, 901

Development of the Eye in the lamprey in Connection
With Certain Peculiarities of Its Ecology, by N. P.
Lebkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 845-.

Amer Inst of Biol Sci

Sci - Med

96,903

Axially Symmetrical Plane Elastico-Frangible Problem of
the Propagation of the Equilibrium Limit, by A. I.
Krylov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958,
pp 882-.

Amer Inst of Phys
Sov Phys - Doklady
Vol. III, No 1.

Sci - Phys

Jul 59

91,462